



PS-1683

Product Description:

P-THERM® PS-1683 is a heat spreader using the construction of a thin graphite sheet which has been supported on each side by a polyester film and having an acrylic adhesive for application to the heat source. The face polyester is a reflective white polyester. The heat spreader allows for quick dissipation of heat in the x-y direction.

Construction / Properties:

Property	Value	Test Method
Total Thickness	0.26 mm ± 0.03 mm	QSP-726
Conductive Substrate	Graphite	--
Color	Reflective White	Visual
Adhesive Peel Strength (to SUS)	>1500 g/25mm	QSP-722
X-Y Thermal Conductivity (Reflective Side)	>20 W/m K	QSP-749
Reflectivity	>96%	ASTM D3258-04
Recommended Application Specification	2 kg/square inch for 2 seconds	--
Continuous Use Conditions	-10 – 80 C	WI-8.2-13

Features

- Superior Converting Properties
- Good Adhesive and Cohesive Strength
- Good Thermal Conductivity
- RoHS and HF Compliant

Specific tests should be performed by the end user to determine the product suitability for the particular application.

For Additional Information:

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